



MMJ-HF/EXQ Light Pro/IFXI LX

Cable with Cu conductors, XLPE insulated and HFFR sheathed

APPLICATION

The cable is a halogen free, XLPE-insulated and HFFR-sheathed house wiring cable with circular, copper conductors. For fixed surface and flushmounted installations, indoors and outdoors. Suitable for installation directly in ground. This cable is recommended for use in public and industrial settings whenever good fire retardant qualities, reduced fumes, toxic and corrosive gases emissions are required in the case of fire. Cables need to be installed according to local Danish security regulation "Installeres iht. Elsikkerhedsloven".

CONSTRUCTION

Conductors: Cu, class 1 or 2 according to EN 60228
 Insulation: XLPE compound
 Bedding: Halogen-free polyolefin compound
 Outer sheath: HFFR compound, white, UV resistant

CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

2-core: ● Brown ● Blue

3-core (a): ● Green/Yellow ● Brown ● Blue

3-core (b): ● Black ● Brown ● Grey

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey

4-core (b): ● Blue ● Brown ● Black ● Grey

5-core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

○ White

Other colours available on request

TECHNICAL CHARACTERISTICS

CPR Class: EXQ light/ /IFXI LX: Cca s1,d1,a1

MMJ-HF: Dca s1,d2,a1

Rated voltage: MMJ-HF (6-25 mm²): 450/750 V

EXQ Light/IFXI LX (1,5-2,5 mm²): 300/500 V

Min. bending radius: 6xD, D – overall diameter

Min. handling temperature: -15°C

Min. laying temperature: -15°C

Ambient (exploitation) temperature: -35°C to 40°C

Max. cond. operating temperature: 90°C

Max. short-circuit temperature: 250°C

Fire properties: EN 50399; EN 60332-1-2;

EN 60332-3-24; EN 60754-2; EN 61034-2

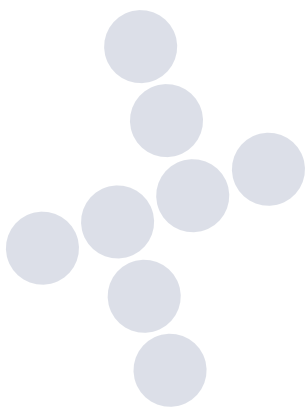
STANDARD

SS 424 02 19-5; SFS 5544, NEK 591

CERTIFICATION



| NOMINAL CROSS SECTION | MAX. RESISTANCE AT 20°C | OUTER DIAMETER (APPROX.) | CABLE WEIGHT (APPROX.) | STANDARD LENGTH PACKING |
|-----------------------|-------------------------|--------------------------|------------------------|-------------------------|
| mm ² | Ω/km | Ω/km | mm | kg/km |
| 2x6 | 3,08 | 12,4 | 269 | 500 D, 1000 D |
| 2x10 | 1,83 | 14,1 | 377 | 500 D, 1000 D |
| 2x16 | 1,15 | 16,2 | 537 | 500 D, 1000 D |
| 3x1,5 | 12,1 | 7,6 | 99 | 500 D, 1000 D |
| 3x2,5 | 7,41 | 8,9 | 144 | 500 D, 1000 D |
| 3x6 | 3,08 | 13,1 | 324 | 500 D, 1000 D |
| 3x10 | 1,83 | 14,9 | 461 | 500 D, 1000 D |
| 3x16 | 1,15 | 17,2 | 668 | 500 D, 1000 D |
| 4x1,5 | 12,1 | 8,2 | 117 | 500 D, 1000 D |
| 4x2,5 | 7,41 | 9,6 | 173 | 500 D, 1000 D |
| 4x6 | 3,08 | 14,2 | 390 | 500 D, 1000 D |
| 4x10 | 1,83 | 16,5 | 569 | 500 D, 1000 D |
| 4x16 | 1,15 | 19 | 829 | 500 D, 1000 D |
| 5x1,5 | 12,1 | 8,9 | 139 | 500 D, 1000 D |
| 5x2,5 | 7,41 | 10,5 | 207 | 500 D, 1000 D |
| 5x6 | 3,08 | 15,5 | 474 | 500 D, 1000 D |
| 5x10 | 1,83 | 18,2 | 702 | 500 D, 1000 D |
| 5x16 | 1,15 | 20,7 | 1017 | 500 D, 1000 D |



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